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A DEVICE TO CORRECT INTERFERENCE ERRORS BETWEEN MAGNETIC
SENSORS FOR MEASURING THE POSITION OF MOBILE ELEMENTS

ABSTRACT

The invention concerns a device to correct interference errors in a measuring installation (A) that includes:

- at least two magnetic sensors (l_1 , l_2) for measuring the position of mobile elements (2_1 , 2_2) that are moving along adjacent trajectories, with each magnetic measuring sensor delivering a measurement signal that is representative of the position of the mobile element in an open magnetic circuit (3_1 , 3_2),
- and resources (M) for processing the measurement signals delivered by the magnetic measuring sensors.

According to the invention, the processing resources (M) include resources for correction of the magnetic measurement signals in order to take account of interference errors between adjacent magnetic sensors (l_1 , l_2), with a view to obtaining a corrected measurement signal for each magnetic measuring sensor.

Figure for the abstract: figure 1